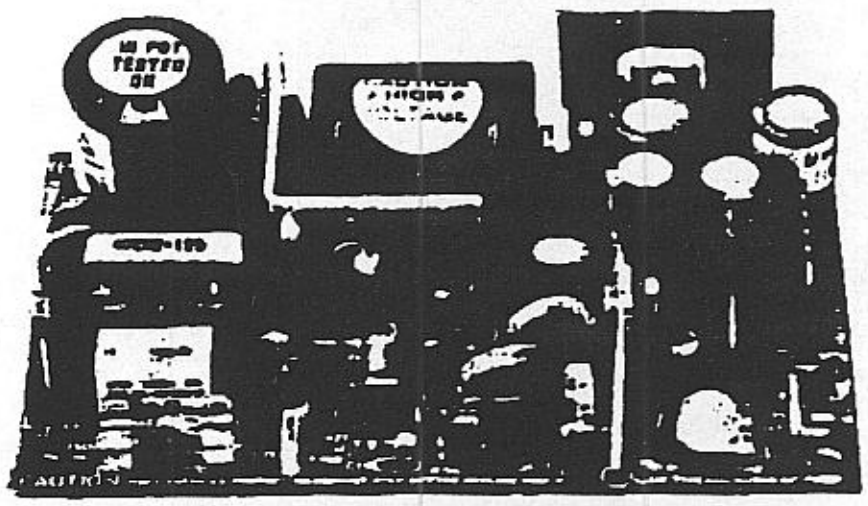
P/N 145656

TOTAL POWER INTERNATIONAL, INC.

40 & 65 WATT SWITCHING AC TO DC POWER SUPPLIES

TPG SERIES



FEATURES

Universal Input
Overvoltage Protection
Low Profile 1.25" max height
UL, CSA, TUV approved

Specifications

Input

Input Voltage	: 90 - 264 VAC
Input Frequency	: 47 -63 Hz
Inrush Current	: 20A pk @ 115 VAC
Fuse	: Internal Fuse

Output

Voltage/Current Rating	: See Order Information Table
Voltage Tolerance	: Adjustable from 4.5 to OVP Trip Point
Total Regulation	: +/- 3%
Ripple and Noise	: 1% p-p
Hold-Up Time	: 20 ms at nominal input and full load
Dielectric Withstand	: For 1 minute : 3750 VAC : Input/Output : 1250 VAC : Input/Safety GND : 500 VAC : Outpt/Safety GND
Efficiency	: 65% Minimum
Output Protection	: OVP at 6.3 volts +/- 0.5 volts

Environmental

Operating Temperature	: 0 to 50 degree C at full rated load
Storage Temperature	: -55 to +85 degree C , OP to 40,000 ft. altitude
Cooling	: Convection cooled for TPG40 6 CFM Forced air for TPG65

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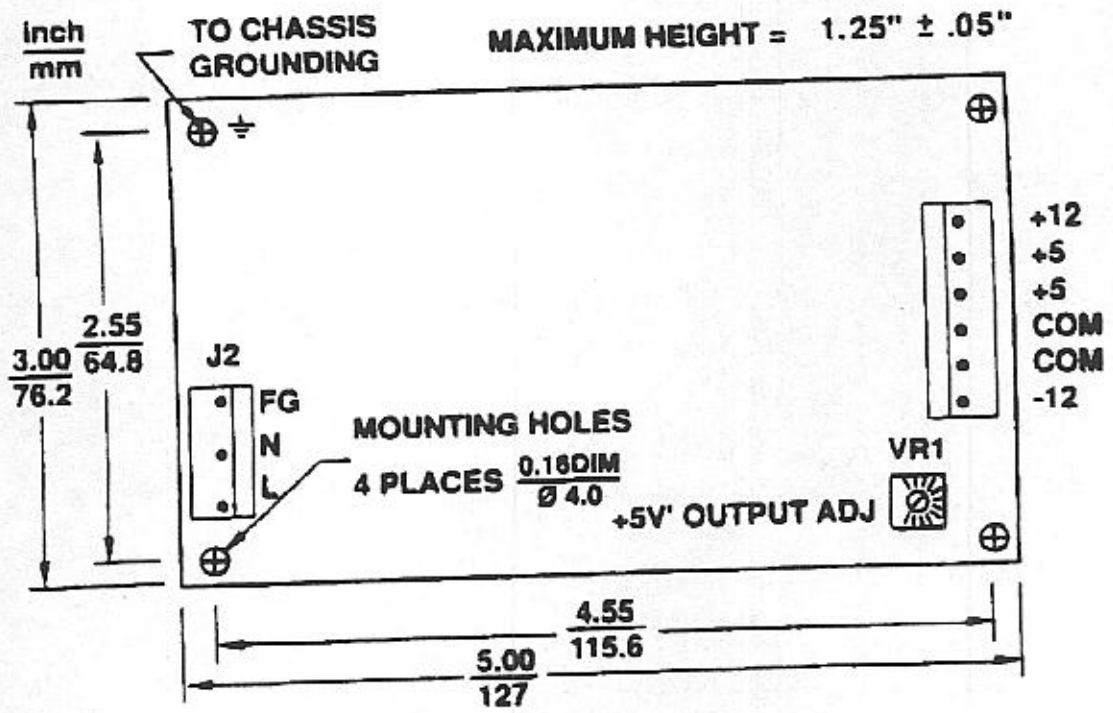
ORDER INFORMATION TABLE

MODEL	VO1	VO2	VO3	MAX POWER
	MIN MAX	MIN MAX	MIN MAX	
TPG40-31A	0.6A +5V 3.0A	0.2A +12V 1.25A	0.0A -12V 1.25A	40W
TPG40-31	0.6A +5V 3.0A	0.2A +12V 2.0A	0.0A - 12V 0.3A	40W
TPG40-32	0.6A +5V 3.0A	0.2A +15V 2.0A	0.0A -15V 0.3A	40W
TPG40-20	0.6A +5 3.0A	0.2A +-5 1.25		40W
TPG65-21	1.0A +5V 12A	0.2A +12V 0.7A		65W
TPG65-22	1.0A +5V 6.0A	0.2A +12V 3.0A		65W
TPG65-23	1.0A +5V 6.0A	0.1A +24V 1.5A		65W
TPG65-31	1.0A +5V 6.0A	0.2A +12V 2.2A	0.0A -12V 0.35A	65W
TPG65-31A	1.0A +5V 6.0A	0.2A +12V 1.25A	0.0A -12V 1.25A	65W
TPG65-32	1.0A +5V 6.0A	0.2A +15A 2.2A	0.0A -15V 0.35	65W

DIMENSIONS:



PIN ASSIGNMENT

1	2, 3	4, 5	6
+12	+5	GND	−12V

CONNECTOR		MATING CONNECTOR
J2 AC INPUT	MOLEX 09-65-2058	MOLEX 09-50-1051
J7 DC OUTPUT	MOLEX 09-65-2068	MOLEX 09-50-1061

JAMECO™
ELECTRONIC COMPONENTS
COMPUTER PRODUCTS

1355 Shoreway Rd., Belmont, CA 94002 • Tel: 650-592-8097 • Fax: 650-592-2503 • BBS: 650-637-9025

Part No. 145656
Product No. TPG56-21
Total Power 65 Watt Switching Power Supply

Features: Universal Input, Overvoltage Protection;
Low Profile, UL/CSA/TUV Approved.

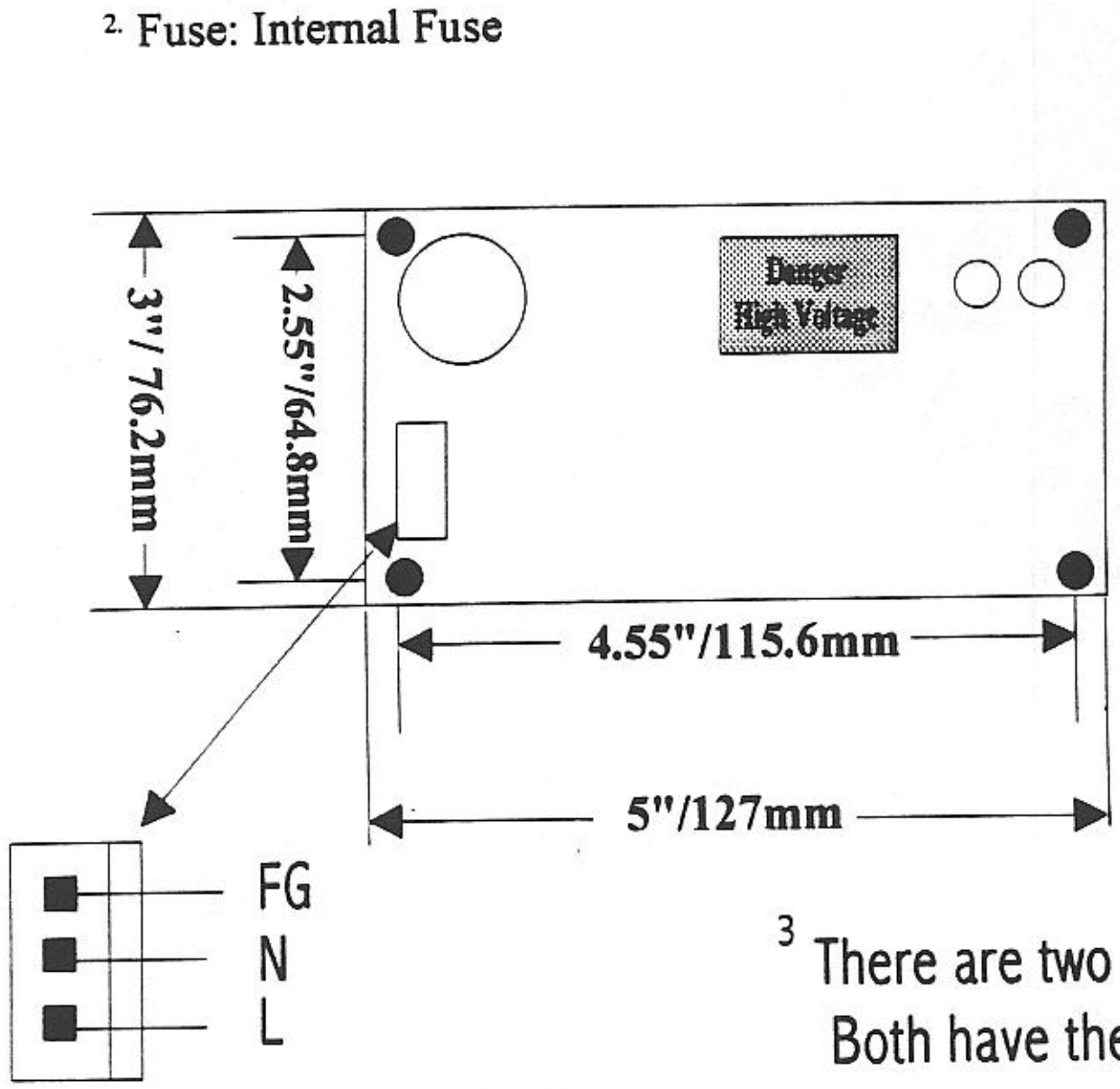
Agency Approvals

Input:90-264VAC@47-63Hz
Auto ranging input
Output: 5V@12A; 12V@0.7A
Input Connector: 5 position /3pin .156" center straight friction lock headers
Output Connectors: 6 postion .156" Center Housings (2pcs.);
2 position molex type power connector (1pc)

Compatible Products:
Input mating connector: P/N 104723 (5 position .156" center housing p.44)
Output mating connector: P/N 104811 (6 position .156" center straight friction lock headers p.44)

Size: 5"L x 3"W x 1.3"H
Weight: 0.9 lbs.

Note:
1. The minimum load is 10% of the rated output current for each output.
2. Fuse: Internal Fuse



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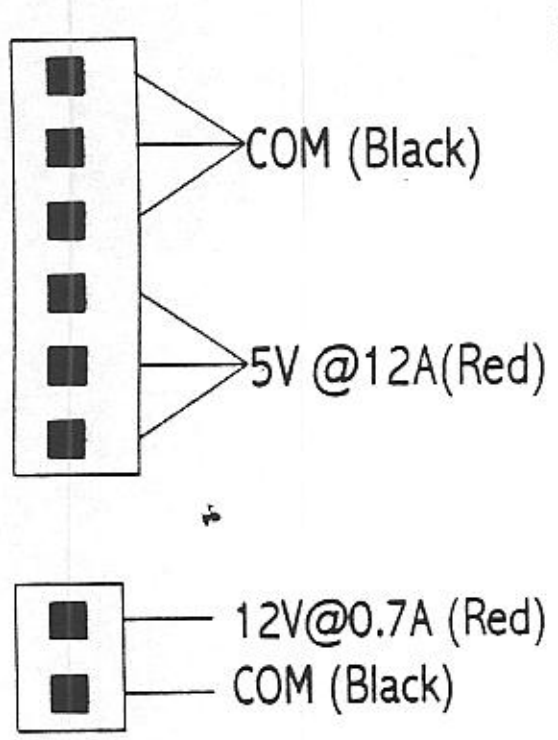

3 There are two 6 pin output connectors. Both have the same pin outs.